BLACK & DECKER®

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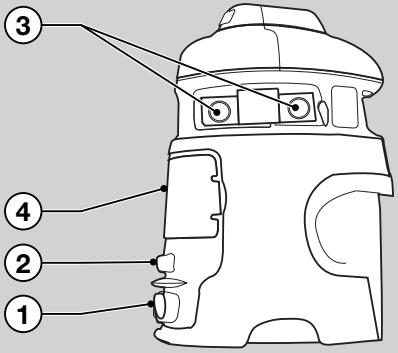

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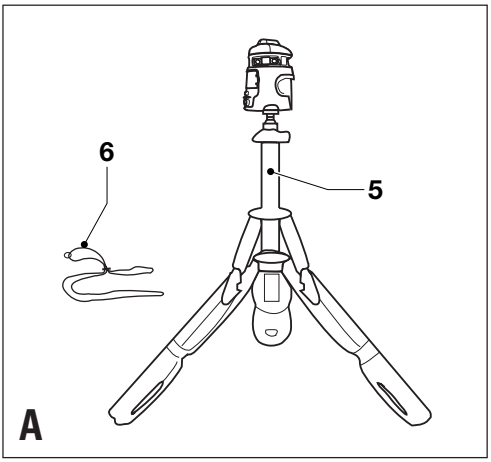
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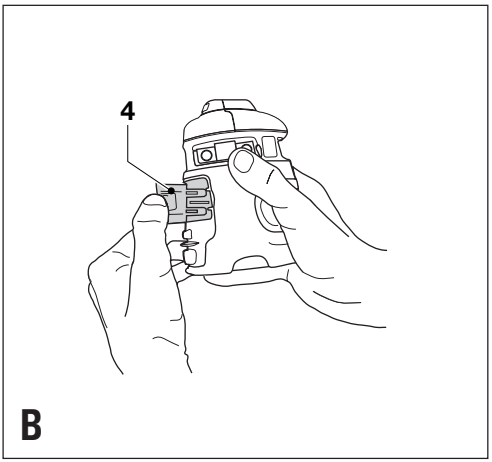
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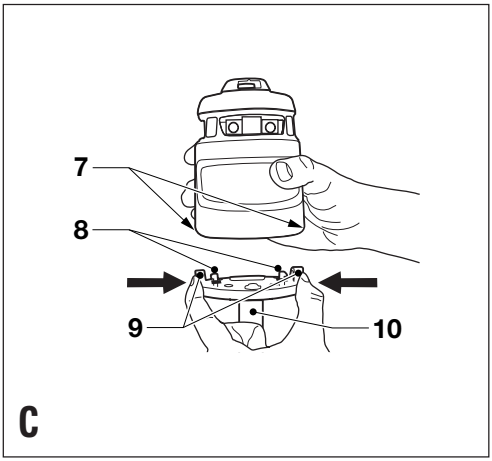
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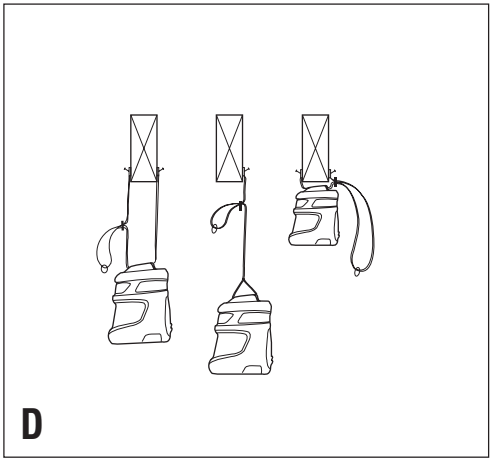
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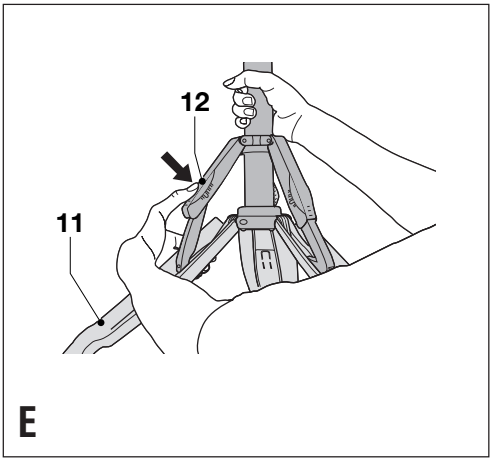
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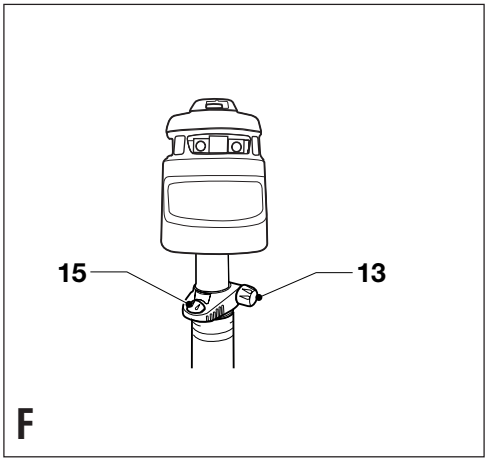
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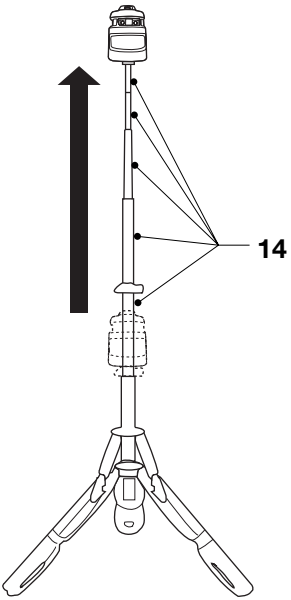

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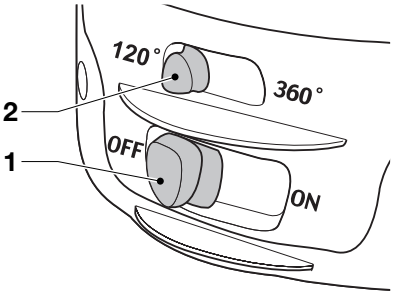

H

Intended use

This Black & Decker tool has been designed to project laser lines to aid in DIY applications. This tool is intended for consumer use only.

Safety instructions

- **Warning!** When using battery-powered tools, basic safety precautions, including the following, should always be followed to reduce the risk of fire, leaking batteries, personal injury and material damage.
- Read all of this manual carefully before operating the tool.
- Retain this manual for future reference.

Keep work area clean
Cluttered areas and benches can cause accidents.
Consider work area environment
Do not expose the tool to rain. Do not use the tool in damp or wet conditions. Keep the work area well lit. Do not use the tool where there is a risk of causing fire or explosion, e.g. in the presence of flammable liquids and gases.
Keep children away
Do not allow children, visitors or animals to come near the work area or to touch the tool.
Do not overreach
Keep proper footing and balance at all times.
Stay alert
Watch what you are doing. Use common sense.
Do not operate the tool when you are tired.
Use appropriate tool
The intended use is described in this instruction manual.
Warning! The use of any accessory or attachment or performance of any operation with this tool other than those recommended in this instruction manual may present a risk of personal injury.
Check for damaged parts
Before use, carefully check the tool for damage. Ensure that the tool will operate properly and perform its intended function. Do not use the tool if any part is damaged or defective.
Store idle tools
When not in use, tools and batteries should be stored in a dry, locked up or high place, out of reach of children.
Repairs
This tool complies with relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts; otherwise this may result in considerable danger to the user.

Additional safety instructions for non-rechargeable batteries

- Never attempt to open for any reason.
- Do not store in locations where the temperature may exceed 40 °C.
- When disposing of batteries, follow the instructions given in the section "Protecting the environment". Do not incinerate the batteries.
- Under extreme conditions, battery leakage may occur. When you notice liquid on the batteries, proceed as follows:
  - Carefully wipe the liquid off using a cloth. Avoid skin contact.

Additional safety instructions for lasers

Warning! Laser radiation.

Do not look into the laser beam.

Do not view the laser beam directly with optical instruments.

Refer to the laser product characteristics.

- This laser complies with class 2 according to EN 60825-1:1 1994+A11. Do not replace a laser diode with a different type. If damaged, have the laser repaired by an authorised repair agent.
- Do not use the laser for any purpose other than projecting laser lines.
- An exposure of the eye to the beam of a class 2 laser is considered safe for a maximum of 0.25 seconds. Eyelid reflexes will normally provide adequate protection. At distances over 1 m, the laser complies with class 1 and thus is considered completely safe.
- Never look into the laser beam directly and intentionally.
- Do not use optical tools to view the laser beam.
- Do not set up the tool at a position where the laser beam can cross any person at head height.
- Do not let children come near the laser.
- **Warning!** This tool is intended for indoor use only. Do not use the tool for outdoor applications.

Features

1. On/off switch
2. Operating mode selector
3. Laser aperture
4. Battery cover

Fig. A
5. Tripod
6. Hanging strap

Assembly

Warning! Make sure that the tool is switched off.

Fitting the battery (fig. B)

- Remove the battery cover (4) from the tool.
- Connect the battery to the connector. The larger battery terminal connects to the smaller connector terminal.
- Refit the cover and let it click into place.

Installing the tool (fig. A, C & D)

The tool can be installed on a horizontal surface such as a floor or a table. Alternatively, the tool can be mounted on the tripod (5). The tool can also be hung from a joist or other secure structure using the hanging strap (6).
Note: the laser lines will only be level if the tool is kept within 5° from vertical.

Mounting the tool on the tripod (fig. C)

- Align the notches (7) located in the bottom of the tool with the tabs (8) on the plate.
- While supporting the tripod with one hand, press the tool down until the tabs lock into place.
- Make sure that the laser is securely fixed.
- To remove the tool, pres the two spring-loaded tabs (9) and lift the tool off the plate (10).

Hanging the tool (fig. A & D)

- Thread the hanging strap (6) through the slot in the top of the tool and fasten the hook as shown (fig. F).
- Adjust the tool so that it hangs relatively level.

Installing and adjusting the tripod (fig. E - G)

Installing

- Choose a smooth and level surface to install the tripod.
- Loosen the strap holding the legs (11) together (fig. E).
- Unfold the legs.
- Push in the top portion of each hinge (12) to fix the legs.
- Mount the tool to the tripod.

Adjusting

- Loosen the locking knob (13) (fig. G).
- Gently pull the first tube out until it locks into place.
- Extend the number of tubes (14) required to approach the desired height (fig. H).
- Turn the adjustment knob (15) until the desired height is reached (fig. G).
- Tighten the locking knob to secure the tripod at the adjusted height.

Use

- Install the tool as required.
- To increase working distance and accuracy, place the laser in the middle of your working area.
  Brightness of area may affect line visibility.
- Be aware that extreme temperature changes can cause movement or shifting of building structures, tripods, equipment, etc. This may affect accuracy. Verify your set-up before each use as the laser may have moved.

Switching on and off (fig. H)

- To switch the tool on, slide the on/off switch (1) to the right.
- To switch the tool off, slide the on/off switch to the left.

Selecting the operating mode (fig. H)

- For projecting a single laser beam scanning a third of a circle, slide the operating mode selector (2) to the left.
- For projecting a triple laser beam scanning a a full circle, slide the operating mode selector (2) to the right.

Protecting the environment

Tools

Should you find one day that your tool needs replacement, or if it is of no further use to you, think of the protection of the environment. Black & Decker repair agents will accept old Black & Decker tools and ensure that they are disposed of in an environmentally safe way.

Battery

If you want to dispose of the tool yourself, the battery must be removed as described above and disposed of in accordance with local regulations.

- Place the battery in a suitable packaging to ensure that the terminals cannot be short-circuited. Take the batteries to a local recycling station.

Technical data

		LZR4	BDL300S
Voltage	V	9	9
Battery size		6LR61	6LR61
Laser class		2	2
Operating temperature	°C	0 - 40	0 - 40
Weight	kg	1.5	1.5

EC declaration of conformity

LZR4/BDL300S
Black & Decker declares that these products conform to:
EN 61010, EN 60825, EN 61000

Peter Holmes, Director of Engineering
Black & Decker, 56 Bai Yu Road
Suzhou Industrial Park
Suzhou, Jiangsu, 215021

Guarantee

Black & Decker is confident of the quality of its products and offers an outstanding guarantee. This guarantee statement is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

If a Black & Decker product becomes defective due to faulty materials, workmanship or lack of conformity, within 24 months from the date of purchase, Black & Decker guarantees to replace defective parts, repair products subjected to fair wear and tear or replace such products to ensure minimum inconvenience to the customer unless:

- The product has been used for trade, professional or hire purposes;
- The product has been subjected to misuse or neglect;
- The product has sustained damage through foreign objects, substances or accidents;
- Repairs have been attempted by persons other than authorised repair agents or Black & Decker service staff.

To claim on the guarantee, you will need to submit proof of purchase to the seller or an authorised repair agent. You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at:
www.2helpU.com

Please visit our website **www.blackanddecker.co.uk** to register your new Black & Decker product and to be kept up to date on new products and special offers. Further information on the Black & Decker brand and our range of products is available at **www.blackanddecker.co.uk**

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